Non-achievement of power generation target

†3650. SHRI RAJ MOHINDER SINGH MAJITHA:
DR. MURLIMANOHAR JOSHI: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that during the first year of Eleventh Five Year Plan, the Power generation has not met the target;

(b) if so, the target and the quantum of actual power generation;

(c) whether it is also a fact that the gap between supply and demand during 2007-08 had widened in the country due to failure in meeting the target; and

(d) the gap between demand and supply during 2005-06,2006-07 and 2007-08?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI JAIRAM RAMESH): (a) and (b) During the first year of 11 * Five Year Plan (2007-08), the actual power generation (gross) was 704.5 Billion Unit (BU) as against the target of 710 BU (gross), which was 99.2% of the target.

(c) and (d) The year-wise power supply position in 2005-06,2006-07 and 2007-08 is given below:

	Energy (Figures in net Billion Unit)		
	Requiremenl	Availability	Shortage (%)
	(BU)	(BU)	%
2005-06	. 631.554	578.819	8.4
2006-07	690.587	624495	9.6
2007-08	737.052	664.660	9.8

Power generation

†3651. SHRI RAM JETHMALANI:
DR. MURLI MANOHAR JOSHI:

Will the Minister of POWER be pleased to state:

(a) whether it is a fact that power is generated in the country by coal, hydel, atomic, gas, diesel and other traditional resources;

(b) if so, the power generation capacity through each of the above mentioned sources during 2007;

(c) the actual power generated by each of the above mentioned sources during that period; and

(d) the average cost of power generation by above mentioned each of the sources, source-wise?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI JAIRAM RAMESH): (a) Yes, Sir.

(b) and (c) During the Financial year 2007-08 the quantum of power generation in the country from Coal/Lignite, Gas/Naphtha, Diesel, Multi-fuel based thermal power plants, Hydel energy and atomic energy is given below:

Category	Monitored Capacity (As on 01.04.08) (MW)	Gross Generation (Million Unit)
Coal/Lignite	74433.7	476686.5
Gas/Naphtha	13945.9	68779.0
Diesel	1073.3	3303.8
Multi-fuel	1430.0	10045.8
Hydro	37082.3	123569.7
Nuclear	4120.0	16775.7
ALL INDIA TOTAL:	1320852	704450.8*

•Includes imports of 5290 MUs of power from Bhutan Power generation from renewable energy source namely wind, etc., is not included in this.

(d) According to Central Electricity Authority, the average net cost of generation of power from the thermal, hydro and nuclear power stations in the country for the year 2006-07, worked out on the basis of information received from the power utilities is given in the Statement.

Statement

The average net cost of generation of power from stations in the country forthermal hydro and nuclear power 2006-07

Contents	Net Generation (Million Unit)	Total cost of Generation (Rs. in lakhs)	Cost of Generation/Unit (Paise/kWh)
Hydro Stations	89739.16	612376.97	6824
Thermal Stations	419344.84	8040393.86	191.74
Combined data for (Hydro+Thermal)*	37055.66	663855.21	179.15
All India (Hydro+Thermal) Stations	546139.66	9316626.04	170.59
Average			
Nuclear Generation	18659.00	330219.00	176.98
All India Averaged Including Nuclear	564798.66	9646845.04	170.80

*This pertains to APGENCO & KSEB who have furnished combined data in respect of their Hydro and Thermal Power Stations.